

AZ-0915.ST25.txt
SEQUENCE LISTING

<110> AstraZeneca AB
Drmota, Tomas
Engberg, Susanna
Von Mentzer, Bengt

<120> Molecules

<130> 1103326-0915

<140> PCT/GB2005/001008

<141> 2005-03-16

<160> 22

<170> PatentIn version 3.3

<210> 1

<211> 1224

<212> DNA

<213> Meriones unguiculatus

<400> 1

atggataacg tcctccctgg ggactcggac ctcttcccca acatctccac caacagttcc	60
gagtccaacc aattcgtaca gcctgcctgg caaattgtcc tttgggcagc tgcctacacg	120
gtcatcgtgg tgacctccgt ggtgggcaac gtggtggtga tgtggatcat tttggccac	180
aagagaatga ggacagtga caattacttc ctggtgaacc tggccttcgc tgaggcctcc	240
atggccgcac tcaacacggt ggtgaacttc acctacgccg tccacaacga gtggtactac	300
ggcctcttct actgcaagtt ccacaacttc ttccccattg ctgctgtctt cgccagcatc	360
tactccatga cagcagtggc cttcgacagg tacatggcca tcatccaccc tctccagccc	420
cggctgtcgg ccaccgccac caaggtggtc atctttgtca tctgggtgct ggctctcctg	480
ttggcctttc cgcagggcta ctactccacc acggagacca tgcccggcag agtagtgtgc	540
atgatcgagt ggccggaaca cccaacagg acttacgaga aagcgtacca catctgtgtg	600
acggtgctga tctacttcct gcccctgctg gtgattggct acgcctacac tgtcgtagga	660
atcacactgt gggccagcga gatccccggg gactcctccg accgctacca cgagcaagtc	720
tccgccaagc gcaagggtgg caaaatgatg atcgtggtcg tgtgcacctt cgccatctgc	780
tggctgccct tccacgtctt cttcctcctg ccctacatca acccggacct ctacgttaaa	840
aagttcatcc agcaggtcta cctggccatc atgtggctag ccatgagctc caccatgtac	900
aacccccatca tctactgctg cctcaatgac aggttccgctc tgggcttcaa acacgctttt	960
cgctgctgtc ctttcatcag tgctgggtgat tatgagggggc tggaaatgaa atccacccga	1020
tacctccaga cccagggcag tgtctacaag gtcagccgcc tggagaccac catctccact	1080
gtggtggggag cccatgaaga tgaggcagaa gaaggcccca aggccacacc ttcacacctg	1140
gatctcacct ccaatggctc ttctcgtagc aactcgaaga ccatgacaga aagctccagc	1200

ttctactcta acatgctggc ctag

1224

<210> 2
 <211> 407
 <212> PRT
 <213> Meriones unguiculatus

<400> 2

Met Asp Asn Val Leu Pro Gly Asp Ser Asp Leu Phe Pro Asn Ile Ser
 1 5 10 15

Thr Asn Ser Ser Glu Ser Asn Gln Phe Val Gln Pro Ala Trp Gln Ile
 20 25 30

Val Leu Trp Ala Ala Ala Tyr Thr Val Ile Val Val Thr Ser Val Val
 35 40 45

Gly Asn Val Val Val Met Trp Ile Ile Leu Ala His Lys Arg Met Arg
 50 55 60

Thr Val Thr Asn Tyr Phe Leu Val Asn Leu Ala Phe Ala Glu Ala Ser
 65 70 75 80

Met Ala Ala Phe Asn Thr Val Val Asn Phe Thr Tyr Ala Val His Asn
 85 90 95

Glu Trp Tyr Tyr Gly Leu Phe Tyr Cys Lys Phe His Asn Phe Phe Pro
 100 105 110

Ile Ala Ala Val Phe Ala Ser Ile Tyr Ser Met Thr Ala Val Ala Phe
 115 120 125

Asp Arg Tyr Met Ala Ile Ile His Pro Leu Gln Pro Arg Leu Ser Ala
 130 135 140

Thr Ala Thr Lys Val Val Ile Phe Val Ile Trp Val Leu Ala Leu Leu
 145 150 155 160

Leu Ala Phe Pro Gln Gly Tyr Tyr Ser Thr Thr Glu Thr Met Pro Gly
 165 170 175

Arg Val Val Cys Met Ile Glu Trp Pro Glu His Pro Asn Arg Thr Tyr
 180 185 190

Glu Lys Ala Tyr His Ile Cys Val Thr Val Leu Ile Tyr Phe Leu Pro
 195 200 205

AZ-0915.ST25.txt

Leu Leu Val Ile Gly Tyr Ala Tyr Thr Val Val Gly Ile Thr Leu Trp
210 215 220

Ala Ser Glu Ile Pro Gly Asp Ser Ser Asp Arg Tyr His Glu Gln Val
225 230 235 240

Ser Ala Lys Arg Lys Val Val Lys Met Met Ile Val Val Val Cys Thr
245 250 255

Phe Ala Ile Cys Trp Leu Pro Phe His Val Phe Phe Leu Leu Pro Tyr
260 265 270

Ile Asn Pro Asp Leu Tyr Val Lys Lys Phe Ile Gln Gln Val Tyr Leu
275 280 285

Ala Ile Met Trp Leu Ala Met Ser Ser Thr Met Tyr Asn Pro Ile Ile
290 295 300

Tyr Cys Cys Leu Asn Asp Arg Phe Arg Leu Gly Phe Lys His Ala Phe
305 310 315 320

Arg Cys Cys Pro Phe Ile Ser Ala Gly Asp Tyr Glu Gly Leu Glu Met
325 330 335

Lys Ser Thr Arg Tyr Leu Gln Thr Gln Gly Ser Val Tyr Lys Val Ser
340 345 350

Arg Leu Glu Thr Thr Ile Ser Thr Val Val Gly Ala His Glu Asp Glu
355 360 365

Ala Glu Glu Gly Pro Lys Ala Thr Pro Ser Ser Leu Asp Leu Thr Ser
370 375 380

Asn Gly Ser Ser Arg Ser Asn Ser Lys Thr Met Thr Glu Ser Ser Ser
385 390 395 400

Phe Tyr Ser Asn Met Leu Ala
405

<210> 3
<211> 28
<212> DNA
<213> Artificial

<220>
<223> Polynucleotide for use in polymerase chain reaction

<400> 3
gctgcccttc cacatcttct tcctcctg

<210> 4
 <211> 27
 <212> DNA
 <213> Artificial
 <220>
 <223> Polynucleotide for use in polymerase chain reaction
 <400> 4
 gccagcagga gagccaggac ccagatg 27

<210> 5
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Polynucleotide for use in polymerase chain reaction
 <400> 5
 aggcattctgc aacaaggctc 19

<210> 6
 <211> 22
 <212> DNA
 <213> Artificial
 <220>
 <223> Polynucleotide for use in polymerase chain reaction
 <400> 6
 aaccattatg accctttcca ga 22

<210> 7
 <211> 32
 <212> DNA
 <213> Artificial
 <220>
 <223> Polynucleotide for use in polymerase chain reaction
 <400> 7
 ggatccgccca ccatggataa cgtcctccct gg 32

<210> 8
 <211> 29
 <212> DNA
 <213> Artificial
 <220>
 <223> Polynucleotide for use in polymerase chain reaction
 <400> 8
 gatatcatgc ccttgaaata tgcccactg 29

<210> 9
 <211> 23

AZ-0915.ST25.txt

<212> PRT

<213> Meriones unguiculatus and Homo sapiens

<400> 9

Ile Val Leu Trp Ala Ala Ala Tyr Thr Val Ile Val Val Thr Ser Val
1 5 10 15

Val Gly Asn Val Val Val Met
20

<210> 10

<211> 23

<212> PRT

<213> Rattus norvegicus

<400> 10

Ile Val Leu Trp Ala Ala Ala Tyr Thr Val Ile Val Val Thr Ser Val
1 5 10 15

Val Gly Asn Val Val Val Ile
20

<210> 11

<211> 22

<212> PRT

<213> Meriones unguiculatus and Homo sapiens

<400> 11

Thr Val Thr Asn Tyr Phe Leu Val Asn Leu Ala Phe Ala Glu Ala Ser
1 5 10 15

Met Ala Ala Phe Asn Thr
20

<210> 12

<211> 22

<212> PRT

<213> Rattus norvegicus

<400> 12

Thr Val Thr Asn Tyr Phe Leu Val Asn Leu Ala Phe Ala Glu Ala Cys
1 5 10 15

Met Ala Ala Phe Asn Thr
20

<210> 13

<211> 22

<212> PRT

<213> Meriones unguiculatus and Homo sapiens

<400> 13

Phe His Asn Phe Phe Pro Ile Ala Ala Val Phe Ala Ser Ile Tyr Ser
1 5 10 15

Met Thr Ala Val Ala Phe
20

<210> 14

<211> 22

<212> PRT

<213> Rattus norvegicus

<400> 14

Phe His Asn Phe Phe Pro Ile Ala Ala Leu Phe Ala Ser Ile Tyr Ser
1 5 10 15

Met Thr Ala Val Ala Phe
20

<210> 15

<211> 20

<212> PRT

<213> Meriones unguiculatus and Rattus norvegicus

<400> 15

Val Ile Phe Val Ile Trp Val Leu Ala Leu Leu Leu Ala Phe Pro Gln
1 5 10 15

Gly Tyr Tyr Ser
20

<210> 16

<211> 20

<212> PRT

<213> Homo sapiens

<400> 16

Val Ile Cys Val Ile Trp Val Leu Ala Leu Leu Leu Ala Phe Pro Gln
1 5 10 15

Gly Tyr Tyr Ser
20

<210> 17

<211> 25

<212> PRT

<213> Meriones unguiculatus and Rattus norvegicus

<400> 17

Ala Tyr His Ile Cys Val Thr Val Leu Ile Tyr Phe Leu Pro Leu Leu
Page 6

1 5 10 15

Val Ile Gly Tyr Ala Tyr Thr Val Val
20 25

<210> 18
<211> 25
<212> PRT
<213> Homo sapiens

<400> 18

Val Tyr His Ile Cys Val Thr Val Leu Ile Tyr Phe Leu Pro Leu Leu
1 5 10 15

Val Ile Gly Tyr Ala Tyr Thr Val Val
20 25

<210> 19
<211> 22
<212> PRT
<213> Meriones unguiculatus and Rattus norvegicus

<400> 19

Met Met Ile Val Val Val Cys Thr Phe Ala Ile Cys Trp Leu Pro Phe
1 5 10 15

His Val Phe Phe Leu Leu
20

<210> 20
<211> 22
<212> PRT
<213> Homo sapiens

<400> 20

Met Met Ile Val Val Val Cys Thr Phe Ala Ile Cys Trp Leu Pro Phe
1 5 10 15

His Ile Phe Phe Leu Leu
20

<210> 21
<211> 25
<212> PRT
<213> Meriones unguiculatus and Homo sapiens

<400> 21

Gln Gln Val Tyr Leu Ala Ile Met Trp Leu Ala Met Ser Ser Thr Met
1 5 10 15

AZ-0915.ST25.txt

Tyr Asn Pro Ile Ile Tyr Cys Cys Leu
20 25

<210> 22

<211> 25

<212> PRT

<213> Rattus norvegicus

<400> 22

Gln Gln Val Tyr Leu Ala Ser Met Trp Leu Ala Met Ser Ser Thr Met
1 5 10 15

Tyr Asn Pro Ile Ile Tyr Cys Cys Leu
20 25